



Indiana Department of Environmental Management  
Office of Water Quality  
Wetlands Section

Publication Date:  
April 7, 2010

IDEM ID Number:  
2010-121-49-JPS-A

Closing Date:  
April 28, 2010

Corps of Engineers ID Number:  
LRL-2010-327-SAM

## PUBLIC NOTICE

**To all interested parties:**

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

- |                                |   |                  |   |
|--------------------------------|---|------------------|---|
| <b>1. Applicant:</b>           | Ms. Laura Hilden<br>Indiana Department of Transportation<br>100 N. Senate Avenue, Room N642<br>Indianapolis, IN 46204   | <b>2. Agent:</b> | Mr. Terry Summers<br>Indiana Department of Transportation<br>32 South Broadway Street<br>Greenfield, IN 46140 |
| <b>3. Project location:</b>    | NE ¼ & SW ¼ of Section 26, Township 17 North, Range 2 East, Zionsville USGS Quad. Map.<br>0.483 mile north of 71 <sup>st</sup> Street, under north and south bound I 465 at mile marker 21.64, in Marion County.  |                  |   |
| <b>4. Affected waterbody:</b>  | Bushs Run   |                  |   |
| <b>5. Project Description:</b> | The applicant proposes to place an eight feet internal diameter thermoplastic liner into the existing 305 feet long, 10 feet diameter, circular corrugated metal pipe and fill the space between existing pipe and inserted liner with cellular concrete grout. No compensatory mitigation is proposed. |                  |   |

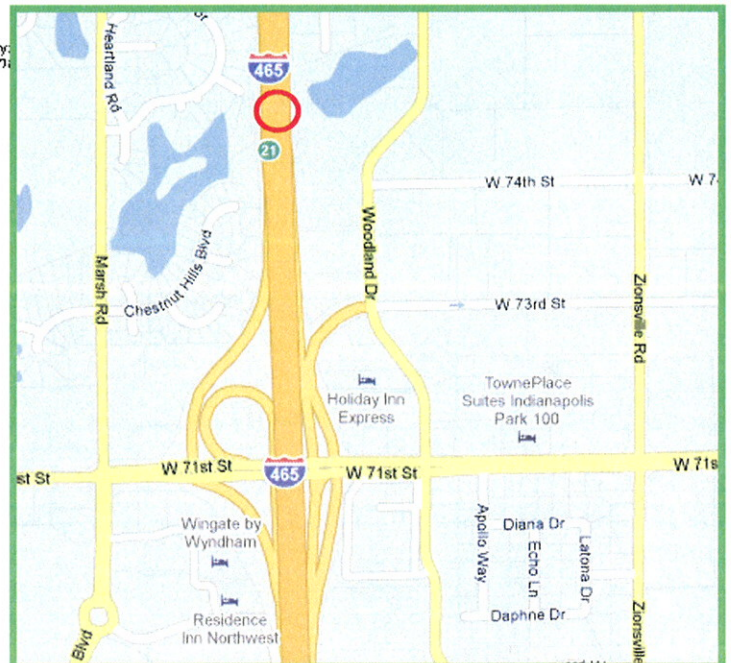
**Comment period:** Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

**Public Hearing:** Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

**Questions?** Additional information may be obtained from Mr. Jared Sanders, Project Manager, at 317-234-6352. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management  
100 North Senate Avenue  
MC65-42 WQS IGCN 1255  
Indianapolis, Indiana 46204-2251  
FAX: 317/232-8406

 **Approximate Location of Project**

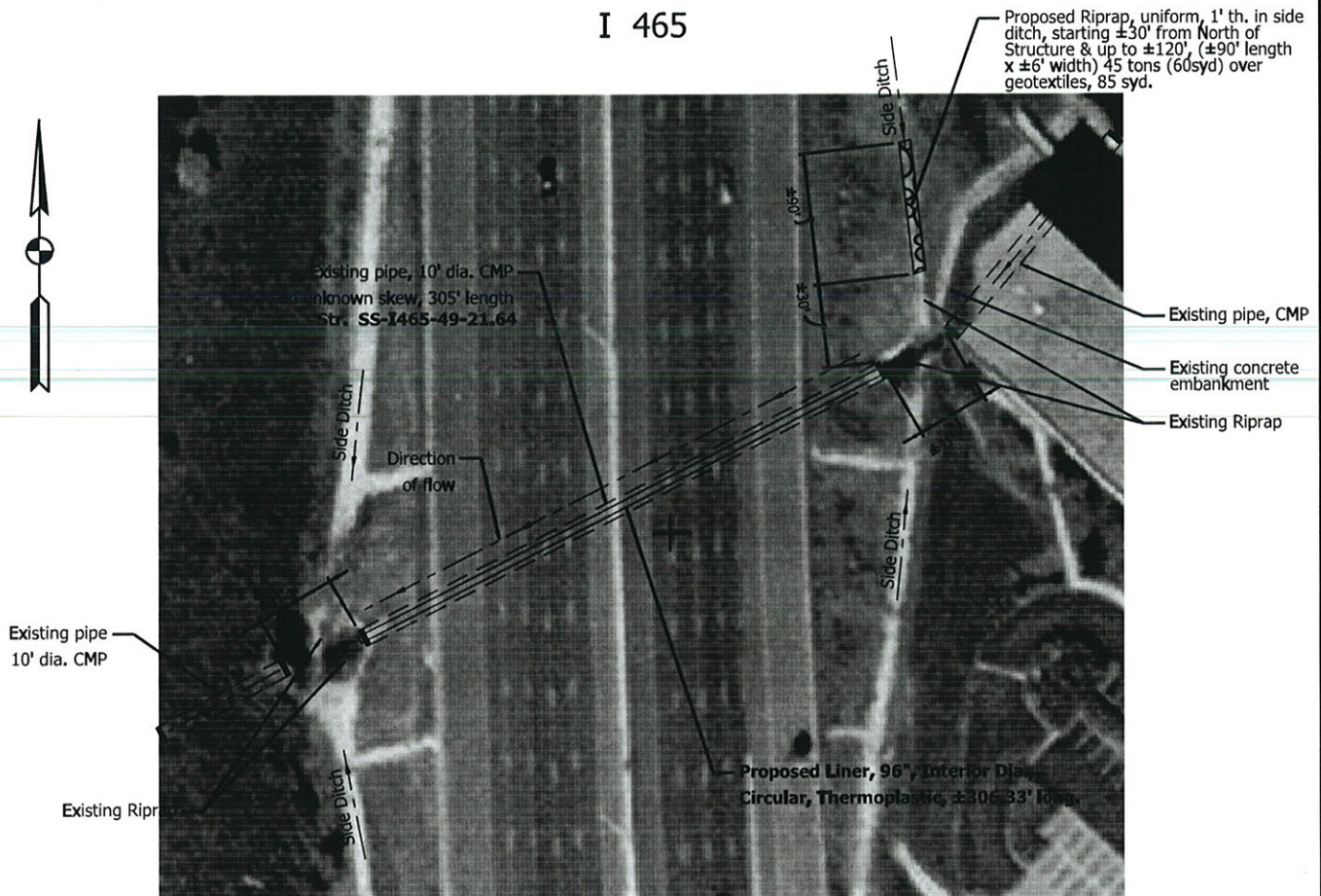




## STRUCTURE DETAIL

## Greenfield DISTRICT

I 465



## Est. Quantities

	NE	SW
Riprap uniform (60 syd) 1' th	45 Tons	--
Geotextile	85 Syd	--

## GPS Detail

Latitude:	39° 88' 86" N
Longitude:	86° 26' 92" W
UTM East:	16562497
UTM North:	4415641

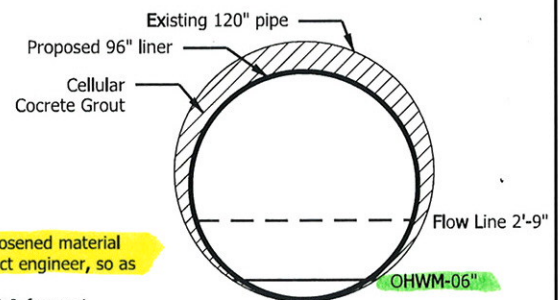
Ordinary High Water Mark:

15'-0" Width

0'-6" Depth

## NOTES:

- A screen shall have to be installed on downstream end at the time of jetting, to prevent the migration of loosened material and debris into the downstream waterbody. The size of the screen shall be decided in consultation with project engineer, so as to allow easy flow of water, but blocking migrating particles.
- Structure has restrictive working space at both ends, approx. 41' on either side, with concrete embankment & fence at inlet end & another 10' dia. structure & fence at outlet end. Right of entry may be required for moving construction equipment to & from structure & for construction activity.
- Contractor shall exercise enough caution not to damage existing nearby concrete embankment at inlet end & existing 10' dia. CMP at outlet end & concrete wingwalls at both ends. If any damage is done during construction or fence has to be removed, it shall be repaired/ replaced & no direct payment will be made for such repairs. It shall be included in cost of liner.
- Refer section 725 of Standard Specifications for slip lining.
- Perpetuate existing drainage.
- Contractor MUST field verify & inspect existing pipe for any deformity to ensure whether proposed liner pipe will fit or not before work & purchase order.
- Install additional grout lines for stage grouting.
- Clean cmp off of all debris, rocks, dirt, etc. Jetting may be necessary.
- Bulkheads shall be a smooth finish with minimum of one (1) foot thickness
- Re-establish existing riprap, at both ends.
- Mulch & Seed all disturbed area immediately after construction.
- Per Section 725.03 (b) of standard specifications, all cavities outside the existing pipe shall be filled with flowable backfill in accordance with section 213 prior to the liner installation or with grout placed in conjunction with the grouting operation after the liner is installed.



Typical Section

DESIGNED: _____	DRAWN: _____
CHECKED: _____	CHECKED: _____